



PROM/SE: Michigan

Mathematics Curriculum Coherence Institutes Part I

Coherent Institute Content

A coherent curriculum is characterized by a focused, well developed, challenging and clearly articulated sequence of mathematical concepts within and across grades. A PROM/SE principle is that curriculum coherence matters in student achievement, but throughout our work with PROM/SE districts and Associates, signs of a lack of curriculum coherence have emerged. Join us as we raise these issues and provide the opportunity and tools for you to analyze your own mathematics curriculum for coherence.

The institutes will consider why the following questions matter for student achievement and curriculum coherence, and discuss how districts can address them:

- Does the mathematics that is taught in each grade have a clear focus on a limited number of topics?
- What ongoing system is in place for ensuring a coherent transition in the mathematics that is taught within grades, from grade to grade, and building to building?
- Are supplemental instructional materials chosen by teachers contributing to a lack of coherence?
- Does your curriculum provide opportunities for *all* students to do challenging mathematics?
- Do the teachers in your district implement the state standards in ways that contribute to non-coherent patterns in the use of instructional materials?
- How is your district incorporating research about how students learn mathematics?
- Are 'opportunities to learn' denied to some students because of system policies and course options?

Participants will consider:

- How a district can develop an action plan, connected to the school improvement process, to develop and ensure a coherent K-12 mathematics curriculum and tools to assist in this process.
- Ways a district's policies may be at odds with the implementation of a well-developed coherent mathematics curriculum and what districts can do to move forward with their plans.

Institute Details

District Teams:

Minimum of 5 participants from a district (one must be an administrator), consisting of at least:

- 1 or 2 lead math teachers from lower elementary
- 1 or 2 lead math teachers from upper elementary
- 1 or 2 lead math teachers from middle school
- 1 or 2 lead math teachers from high school
- 1 administrator--the person who is responsible for the implementation and student achievement in mathematics

Others encouraged to attend:

- 1 principal from an elementary building
- 1 principal from a secondary building (middle or high)



Logistics:

- 5 meetings with PROM/SE facilitator:
 - Nov 6, Calhoun Technology Center, Battle Creek
 - Dec 17, Calhoun Technology Center, Battle Creek
 - Feb 5, 2009, Calhoun ISD, Marshall
 - Mar 16, Calhoun ISD, Marshall
 - April 30, Calhoun Technology Center, Battle Creek

• 4 district team meetings--These meeting are to be held in each district between the above scheduled group meetings.

• PROM/SE will reimburse school districts for substitute costs for whole group and local district team meetings for a total of nine days. PROM/SE will pay for material cost and meals for all who register and attend.

Daily Schedule for Whole Group meetings:

Registration: 7:30-8:00 am with a continental breakfast

Program Begins: 8:00 am

Lunch: 12 noon-12:45 pm

Program Ends: 3:00 pm

Cost: FREE, but registration is required.

Registration: [Register your team by September 23, 2008](#)

A form is attached. Send to your PROM/SE site coordinator or the PROM/SE office at Michigan State University.

PROM/SE is supported by the National Science Foundation under EHR-0314866 www.promse.msu.edu

**PROM/SE Mathematics Curriculum
Coherence Institutes**



District Team Information

Registration required by Sept. 23, 2008. Send this form to:

Calhoun ISD: Mary Gehrig, GehrigM@calhounisd.org
Phone: 269-789-2471, Fax: 269-789-9584

Ingham ISD: Marty Couretas, mcoureta@inghamisd.org
Phone: 517-244-1246, Fax: 517-244-1154

St. Clair RESA: Jenn Cady, demossj1@msu.edu
Phone: 517-353-4884, Fax: 517-432-0132

District Contact:

Name: _____

District: _____

Mailing address: _____

City _____ State _____ Zip code _____

Email address: _____

Telephone: _____

District Team Members:

Name: _____

Position: _____

Email Address: _____

Telephone: _____

Name: _____

Position: _____

Email Address: _____

Telephone: _____

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